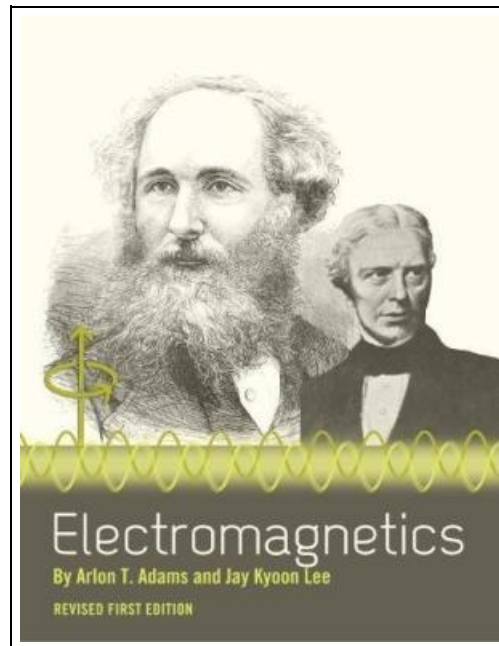


## Electromagnetics (Paperback)



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*Very useful to any or all group of folks. It really is rally interesting throgh reading through period of time. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

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Electromagnetics is by no means an easy subject to grasp. Teaching materials in the discipline must be carefully prepared and organized to help guide students to success. Not only should such materials offer comprehensive mathematics and strong physical insights, they should also present alternative ways of viewing and formulating problems. Electromagnetics is wonderfully unique in its approach. With thorough examples, summary tables, figures, alternative formulations, and homework problems, this volume takes the electromagnetics student step-by-step through the intricacies of the subject, and builds up comprehension and application gradually. Examples are used to delineate a basic approach and to guide students from start to solution through complex problems. Special cases are considered to draw analogies, and to offer physical insights and interpretations. Finally, the book's large problem set enables instructors to teach the course for several years without repeating problem assignments. During their many years of teaching electromagnetics, Adams and Lee became interested in the discipline's historical aspects and found it useful to incorporate stories of the basic discoveries into the classroom. This book explores such rarely covered aspects of the subject. Included is a fascinating account of what Michael Faraday did when unexpected events occurred. With its lively description, this book helps students to imagine themselves taking the same steps as Faraday. Jay Kyoong Lee (Ph.D., Massachusetts Institute of Technology) is a Professor of Electrical Engineering and Computer Science at Syracuse University, where he teaches Electromagnetics, among other courses. His current research interests are electromagnetic theory, microwave remote sensing, waves in anisotropic media, antennas and propagation. He was a Research Fellow at Naval Air Development Center, Rome Air Development Center and Naval Research Laboratory and was an...



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